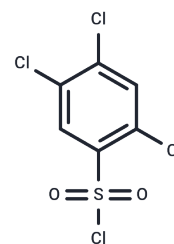


2,4,5-Trichlorobenzenesulfonyl chloride

Chemical Properties

CAS No. :	15945-07-0
Formula:	C ₆ H ₂ Cl ₃ O ₂ S
Molecular Weight:	279.96
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	2,4,5-Trichlorobenzenesulfonyl chloride (TCBSC) is a versatile building block in the synthesis of various organic compounds, such as amines, alcohols, and carboxylic
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 60 mg/mL (214.32 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5719 mL	17.8597 mL	35.7194 mL
5 mM	0.7144 mL	3.5719 mL	7.1439 mL
10 mM	0.3572 mL	1.786 mL	3.5719 mL
50 mM	0.0714 mL	0.3572 mL	0.7144 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Rigotti G, et al. Molecular structure and semiexternal molecular motions in 2,4,5-trichlorobenzenesulfonyl chloride, C₆H₂Cl₃O₂S. Journal of Crystallographic and Spectroscopic Research 18, 481-489 (1988).

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